

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph 0014 with the following paragraph:

[0014] In a second embodiment, the permanent magnet alternator assembly includes a laminated, bifurcated rotor having a first rotor section and a second rotor section, each rotor section having a substantially cylindrical body ~~composed of a light weight, non-ferromagnetic material such as aluminum,~~ and an outer circumferential surface composed of a ferromagnetic material such as steel.

Please replace paragraph 0039 with the following paragraph:

[0039] As shown in FIGS. 5, 6(a) and 6(b), the rotor 130 is a bifurcated-type comprising a first rotor section 130a and a second rotor section 130b, each having a substantially cylindrical body 131a, 131b ~~preferably comprising a non-ferromagnetic material such as aluminum,~~ and an outer circumferential surface 132a, 132b preferably comprising a ferromagnetic material such as steel.

Please replace paragraph 0041 with the following paragraph:

[0041] During assembly of the alternator 110, each rotor section 130a, 130b is mounted for rotation on a rotor shaft 180 by press fit. Bearings ~~180~~ 190 are provided to support each rotor section 130a, 130b on the shaft ~~170~~ 180. Like the first embodiment, the permanent magnets 150 are fixedly mounted using a suitable adhesive to the outer circumferential surface ~~133a~~ 132a, ~~133b~~ 132b of each rotor body 131a, 131b in alternating polarity.